

* SWBAT relate the motion of an object to graphs of position, velocity, and acceleration

Sep 6-2:31 PM

Welcome!!!

SECA Physics
Tuesday 28 October 2015

* Pick up:

- packet
- get a computer and get logged in

H. Leslie Grebe

Opening Question:

If a car accelerates at 3 m/s^2 for 10 seconds, what is its speed?

$$V = a \cdot t = 3 \text{ m/s}^2 \cdot 10 \text{ s} \\ = 30 \text{ m/s}$$

Centering...



Sep 7-7:04 AM

Catchy Physics Phrases: Speed, Velocity, Acceleration

Speed is

Change in distance over
change in time

Velocity is

Speed with direction

Acceleration is

Change in **velocity** over
change in time

Example:

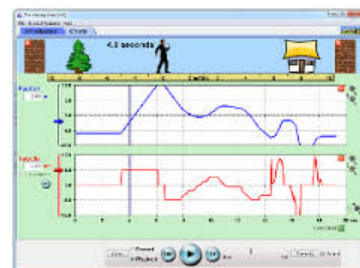
- SPEED UP
- SLOW DOWN
- CHANGE DIRECTION

Oct 4-7:27 AM

Moving Man packet

- One reader / recorder and one computer operator (recommended)
- Read the directions
- Try more than once before drawing
- Questions are to check if you understand how motion connects to the graphs as time goes by

Daily 3 will be from the packet



Oct 5-8:37 AM

Daily 3 Questions

- * Every day except test/project days
- * 3 Questions on the topics of the day
- * Main source of daily points
- * I am happy to give credit when I have no concerns about someone giving or getting help with the answers.

You can't get your points if you don't have your **NAME!!!**

Name	Period
1.	
2.	
3.	

Sep 9-7:32 AM